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12/9/85

DEPARTMENT OF ECOLOGY

INSPECTION REPORT

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To: MDS, File
Date of Visit: 9 December 1985
Facility: Lockheed Shipbuilding Corp
City: Seattle County: King
Inspector : D. Cargill
Permit No.: WA-000055-8
Permit Expires: 11/17/80
New Industry: No

Person Contacted: Greg Metzcus, Environ. Programs Coord.
Type of Facility: Ship Fitting and Repair
Receiving Water: Elliott Bay,
Type of Treatment System:

Operation Satis _____ Fair _XXX_ Unsat _____

Narrative: YARD I INSPECTION, Harbor Island

DISCHARGES: Air compressor system is enclosed, recirculating, no discharge.

BOILERS: All boiler blowdown is discharged to a closed loop recirculating system. All condensate and blowdown water from donkey boilers is discharged to METRO.

STORM WATER DISCHARGES: Presently installing particulate traps/oil/water separators in all storm water lines. At time of inspection, one more trap remains to be installed. All roof drains flow through storm water system, thus through traps.

SANDBLASTING/SPRAY PAINTING; WAYS: Blasting done on ways is considered sand sweeping, i.e., preparing surfaces for painting. Blasting done inside vessel is collected by vacuum system. External blasting and painting is done using an enclosed, negative pressure platform which fits against the hull of the vessel. The system is equipped to collect either grit or paint. In areas where the platform cannot be used, grit and paint overspray are controlled through use of tarps both around and under work area. Grit removal is done manually.

SANDBLAST GRIT DISPOSAL: All spent grit taken to Yard 2 and disposed of as described in accompanying report for yard 2.

FERROUS METAL PICKLING: None performed at this site.

NON-FERROUS METAL PICKLING: None performed at this site.

STEAM CLEANING: None performed at this site.

FLUSHING OF SHIPBOARD SYSTEMS: Same as for Yard 2 45218

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PRP CODE #30
A-0001

SOLVENT RECYCLING: All waste paint, solvents are packed in drums and shipped as dangerous waste. Due to RCRA, material cannot be transported to Yard 2 for recycling without complying with transporter requirements.

OTHER: Air compressors: Air is passed through drying tower prior to entering distribution lines. A PVC pipe leads from the base of the tank to a manhole which then discharges to Duwamish River. Greg Metzcus and George Lane could not explain why there was a discharge line from the tank, what, if anything is discharged or how often.

Hazardous Waste storage area: Area is bermed on all sides except area facing Elliott Bay. Area is under cover.

I advised Greg Metzcus that I would like to have a copy of the storm water plans for each yard, as well as description of waste streams, contents of dip tanks. Also, when amending permit application data, include diagrams of all DDX's showing dimensions, and displacement, i.e. water volume for total and average submersion. Also requested they research discharge from air drying tower.

FOLLOW UP: 1. Letter requesting data
2. Begin draft permit


Daniel R. Cargill
District Inspector